

COMBINED DECLARATION AND POWER OF ATTORNEY  
(宣誓書及び委任状)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"INSPECTION METHOD, APPARATUS AND SYSTEM FOR CIRCUIT PATTERN"

the specification of which: (check one) ☐ is attached hereto.

☒ was filed on November 29, 1999  
as Application Serial No. 09/450,856  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended, by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me which is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date earlier than that of the application(s) on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>10-340292</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<u>X</u>	<input type="checkbox"/>
<u>10-340293</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>10-340294</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<u>X</u>	<input type="checkbox"/>
<u>10-340295</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>10-340296</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<u>X</u>	<input type="checkbox"/>
<u>10-340297</u>	<u>Japan</u>	<u>30 Nov., 1998</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>10-367710</u>	<u>Japan</u>	<u>24 Dec., 1998</u>	<u>X</u>	

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (that name and registration number)

Edward W. Greason  
Reg. No. 18,918

SEND CORRESPONDENCE TO:

Edward W. Greason  
Kenyon & Kenyon  
One Broadway  
New York, N.Y. 10004

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

宣誓日	発明者フルネームサイン	氏名タイプ欄
Date <u>March 15, 2000</u>	Inventor <u>Yasuhiko Nara</u>	<u>Yasuhiko NARA</u>
Residence <u>Hitachinaka-shi, Japan</u>		Citizenship <u>Japan</u>
Post Office Address <u>495-4, Ichige, Hitachinaka-shi, Japan.</u>		
Date <u>March 15, 2000</u>	Inventor <u>Kazuhisa Machida</u>	<u>Kazuhisa MACHIDA</u>
Residence <u>Kawasaki-shi, Japan</u>		Citizenship <u>Japan</u>
Post Office Address <u>7-7, Chitoseshinmachi, Takatsu-ku, Kawasaki-shi, Japan.</u>		
Date <u>March 15, 2000</u>	Inventor <u>Mari Nozoe</u>	<u>Mari NOZOE</u>
Residence <u>Hino-shi, Japan</u>		Citizenship <u>Japan</u>
Post Office Address <u>10-20, Higashitoyoda-4-chome, Hino-shi, Japan.</u>		
Date <u>March 15, 2000</u>	Inventor <u>Hiroshi Morioka</u>	<u>Hiroshi MORIOKA</u>
Residence <u>Higashimurayama-shi, Japan</u>		Citizenship <u>Japan</u>
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Date <u>March 15, 2000</u>	Inventor <u>Yasutsugu Usami</u>	<u>Yasutsugu USAMI</u>
Residence <u>Hitachinaka-shi, Japan</u>		Citizenship <u>Japan</u>
Post Office Address <u>2660-93, Mawatari, Hitachinaka-shi, Japan.</u>		
Date <u>March 15, 2000</u>	Inventor <u>Takashi Hiroi</u>	<u>Takashi HIROI</u>
Residence <u>Yokohama-shi, Japan</u>		Citizenship <u>Japan</u>
Post Office Address <u>1156-1-2-1-207, Bukkocho, Hodogaya-ku, Yokohama-shi, Japan.</u>		

宣誓日

発明者フルネームサイン

氏名タイプ欄

Date March 15, 2000 Inventor Kohichi Hayakawa Kohichi HAYAKAWA  
 Residence Hitachinaka-shi, Japan Citizenship Japan  
 Post Office Address 3655-1, Nakane, Hitachinaka-shi, Japan.

Date March 15, 2000 Inventor Maki Ito Maki ITO  
 Residence Koganei-shi, Japan Citizenship Japan  
 Post Office Address 10-19, Nukuikitamachi-2-chome, Koganei-shi, Japan.

Date \_\_\_\_\_ Inventor \_\_\_\_\_  
 Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
 Post Office Address \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_  
 Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
 Post Office Address \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_  
 Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
 Post Office Address \_\_\_\_\_

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 Post Office Address \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_  
 Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
 Post Office Address \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_  
 Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
 Post Office Address \_\_\_\_\_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: NOZOE, Mari et al.

Serial No.: **Division (5) of 09/450,856**

Filing Date: **Herewith**

For: **Inspection Method, Apparatus and  
System for Circuit Pattern**

Art Unit:

Examiner:

Commissioner of Patents and Trademarks  
Washington D.C. 20231

ASSOCIATE POWER OF ATTORNEY

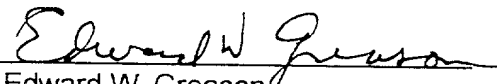
Sir:

Please recognize John C. Altmiller, (Reg. No. 25,951) and other registered practitioners of Kenyon & Kenyon included in the Customer Number provided below, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NUMBER: 23838**

Respectfully submitted,

Date April 11, 2001

  
Edward W. Greason  
Reg. No. 18,918

KENYON & KENYON  
One Broadway  
New York, NY 10004  
(212) 425-7200 (telephone)

07-21-2000

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Pat

101389592

shed original documents or copy thereof.

## 1. Name of conveying party(ies):

Yasuhiko NARA, Kazuhisa MACHIDA,  
Mari NOZOE, Hiroshi MORIOKA,  
Yasutsugu USAMI, Takashi HIROI,  
Kohichi HAYAKAWA, Maki ITOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of Name

Execution Date: March 15, 2000

## 2. Name and address of receiving party(ies):

Name: HITACHI, LTD.

Internal Address:

Street Address: 6, Kanda Surugadai 4-chome,  
Chiyoda-ku, Tokyo, Japan

City: State: ZIP:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

09/450,856

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward W. Greason

Internal Address:

Street Address: Kenyon &amp; Kenyon

One Broadway

City: New York State: N.Y. ZIP: 10004

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):..... \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Edward W. Greason

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

4908-01(※)

# ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to "INSPECTION METHOD, APPARATUS AND SYSTEM FOR CIRCUIT PATTERN"

\* U.S. Serial No. 09/450,856 filed on November 29, 1999  
invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures :

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Yasuhiko Nara</u> (Yasuhiko NARA)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
2) <u>Kazuhisa Machida</u> (Kazuhisa MACHIDA)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
3) <u>Mari Nozoe</u> (Mari NOZOE)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
4) <u>Hiroshi Morioka</u> (Hiroshi MORIOKA)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
5) <u>Yasutsugu Usami</u> (Yasutsugu USAMI)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
6) <u>Takashi Hiroi</u> (Takashi HIROI)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
7) <u>Kohichi Hayakawa</u> (Kohichi HAYAKAWA)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
8) <u>Maki Ito</u> (Maki ITO)	<u>March 15, 2000</u>	<u>Mari Yamagata</u>
9) _____	_____	_____
10) _____	_____	_____